

Application No. 09/597,920  
After Final Office Action of June 24, 2005

Docket No.: 58118(47992)

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-90: (canceled)

Claim <sup>1</sup>91. (currently amended) A method of making a purified antibody which specifically binds to a the LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4 comprising:

- a) immunizing an animal with a polypeptide antigen comprising at least about five amino acids of the amino acid sequence of SEQ ID NO: 4; and
- b) isolating the antibody from said animal.

Claim <sup>2</sup>92. (previously presented) The method of claim <sup>1</sup>91, wherein the antibody is a polyclonal antibody.

Claim <sup>3</sup>93. (currently amended) A method of making a purified antibody which specifically binds to a the LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4 comprising:

- a) immunizing an animal with a polypeptide antigen comprising at least about five amino acids of the amino acid sequence of SEQ ID NO: 4
- b) isolating antibody-producing cells from the animal;
- c) fusing the antibody producing cells with immortalized cells in culture to form antibody-producing cells;
- d) culturing the cells; and
- e) isolating from the culture, antibodies which bind specifically to a the LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4.

Claim <sup>4</sup>94. (previously presented) The method of claim <sup>3</sup>93, wherein the antibody is a monoclonal antibody.

Claim <sup>5</sup>95. (previously presented) The method of any of claims <sup>1-4</sup>91-94, wherein

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the polypeptide antigen comprises at least 20 amino acids of the amino acid sequence of SEQ ID NO: 4.

<sup>6</sup>  
Claim ~~96~~. (previously presented) The method of any of claims ~~91-94~~<sup>1-4</sup>, wherein the polypeptide antigen comprises the amino acid sequence of SEQ ID NO: 4.

<sup>7</sup>  
Claim ~~97~~. (currently amended) The method of claim ~~96~~<sup>5</sup>, wherein the polypeptide antigen comprises the cytosolic-tail portion of a the LAT comprising an amino acid sequence according to SEQ ID NO: 4.

Claim 98. (cancelled)

<sup>8</sup>  
Claim ~~99~~. (previously presented) The method of any of claims ~~91-94~~<sup>1-4</sup>, wherein the polypeptide antigen comprises a phosphotyrosine and the antibody specifically binds to a phosphorylated LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4.

<sup>9</sup>  
Claim ~~100~~. (currently amended) The method of any of claims ~~91-94~~<sup>1-4</sup>, wherein the antibody immunoprecipitates a 40 kd protein from a lysate of C305 cells transfected with a the LAT cDNA comprising a nucleic acid sequence according to SEQ ID NO: 1, but which does not immunoprecipitate said 40kd protein from a lysate of non-transfected cells.

<sup>10</sup>  
Claim ~~101~~. (previously presented) The method of any of claims ~~91-94~~<sup>1-4</sup>, wherein the antibody does not stain endothelial cells.

<sup>11</sup>  
Claim ~~102~~. (currently amended) The method of claim ~~101~~<sup>10</sup>, wherein the antibody immunoprecipitates a 40 kd protein from a lysate of <sup>C305</sup>293T cells transfected with a the LAT cDNA comprising a nucleic acid sequence according to SEQ ID NO: 1, but which does not immunoprecipitate said 40kd protein from a lysate of non-transfected cells.

Claims 103-142 (cancelled).

12-6-05  
See Examiner's  
Amendment  
3.

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Claim ~~143~~<sup>12</sup>. (previously presented) The method of claim ~~94~~<sup>4</sup>, further comprising humanizing the monoclonal antibody.